<110> BEASLEY, Ellen et al

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
THEREOF

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9

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<210> 4
<211> 399
<212> PRT
<213> Mus musculus

<400> 4

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Phe Gly Lys Val Cys Ile Val Gln Lys Arg Asp Thr Glu Lys Met Tyr
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Ala Met Lys Tyr Met Asn Lys Gln Gln Cys Ile Glu Arg Asp Glu Val
        35                  40                  45
Arg Asn Val Phe Arg Glu Leu Glu Ile Leu Gln Glu Ile Glu His Val
    50                  55                  60
Phe Leu Val Asn Leu Trp Tyr Ser Phe Gln Asp Glu Glu Asp Met Phe
65                  70                  75                  80
Met Val Val Asp Leu Leu Leu Gly Gly Asp Leu Arg Tyr His Leu Gln
                85                  90                  95
Gln Asn Val Gln Phe Ser Glu Asp Thr Val Arg Leu Tyr Ile Cys Glu
            100                 105                 110
Met Ala Leu Ala Leu Asp Tyr Leu Arg Ser Gln His Ile Ile His Arg
        115                 120                 125
Asp Val Lys Pro Asp Asn Ile Leu Leu Asp Glu Gln Gly His Ala His
    130                 135                 140
Leu Thr Asp Phe Asn Ile Ala Thr Ile Ile Lys Asp Gly Glu Arg Ala
145                 150                 155                 160
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10

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Thr Ala Leu Ala Gly Thr Lys Pro Tyr Met Ala Pro Glu Ile Phe His
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Ser Phe Val Asn Gly Gly Thr Gly Tyr Ser Phe Glu Val Asp Trp Trp
            180                 185                 190
Ser Val Gly Val Met Ala Tyr Glu Leu Leu Arg Gly Trp Arg Pro Tyr
            195                 200                 205
Asp Ile His Ser Ser Asn Ala Val Glu Ser Leu Val Gln Leu Phe Ser
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Thr Val Ser Val Gln Tyr Val Pro Thr Trp Ser Lys Glu Met Val Ala
225                 230                 235                 240
Leu Leu Arg Lys Leu Leu Thr Val Asn Pro Glu His Arg Phe Ser Ser
            245                 250                 255
Leu Gln Asp Met Gln Thr Ala Pro Ser Leu Ala His Val Leu Trp Asp
            260                 265                 270
Asp Leu Ser Glu Lys Lys Val Glu Pro Gly Phe Val Pro Asn Lys Gly
            275                 280                 285
Arg Leu His Cys Asp Pro Thr Phe Glu Leu Glu Glu Met Ile Leu Glu
    290                 295                 300
Ser Arg Pro Leu His Lys Lys Lys Arg Leu Ala Lys Asn Lys Ser
305                 310                 315                 320
Arg Asp Ser Ser Arg Asp Ser Ser Gln Ser Glu Asn Asp Tyr Leu Gln
            325                 330                 335
Asp Cys Leu Asp Ala Ile Gln Gln Asp Phe Val Ile Phe Asn Arg Glu
            340                 345                 350
Lys Leu Lys Arg Ser Gln Glu Leu Met Ser Glu Pro Pro Pro Gly Pro
            355                 360                 365
Glu Thr Ser Asp Met Thr Asp Ser Thr Ala Asp Ser Glu Ala Glu Pro
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Thr Ala Leu Pro Met Cys Gly Ser Ile Cys Pro Ser Ser Gly Ser
385                 390                 395


<210> 5
<211> 368
<212> PRT
<213> Macaca fascicularis

<400> 5
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His Val Phe Leu Val Asn Leu Trp Tyr Ser Phe Gln Asp Glu Glu Asp
            35                  40                  45
Met Phe Met Val Val Asp Leu Leu Leu Gly Gly Asp Leu Arg Tyr His
    50                  55                  60
Leu Gln Gln Asn Val Gln Phe Ser Glu Asp Thr Val Arg Leu Tyr Ile
65                  70                  75                  80
Cys Glu Met Ala Leu Ala Leu Asp Tyr Leu Cys Gly Gln His Ile Ile
            85                  90                  95
His Arg Asp Val Lys Pro Asp Asn Ile Leu Leu Asp Glu Arg Gly His
            100                 105                 110
Ala His Leu Thr Asp Phe Asn Ile Ala Thr Ile Ile Lys Asp Gly Glu
            115                 120                 125
Arg Ala Thr Ala Leu Ala Gly Thr Lys Pro Tyr Met Ala Pro Glu Ile
    130                 135                 140
Phe His Ser Phe Val Asn Gly Gly Thr Gly Tyr Ser Phe Glu Val Asp
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Pro Tyr Asp Ile His Ser Ser Asn Ala Val Glu Ser Leu Val Gln Leu
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Phe Ser Thr Val Ser Val Gln Tyr Val Pro Thr Trp Ser Arg Glu Met
            195                     200                     205
Val Ala Leu Leu Arg Lys Leu Leu Thr Val Asn Pro Glu His Arg Phe
        210                     215                     220
Ser Ser Leu Gln Asp Val Gln Ala Ala Pro Ala Leu Ala Gly Val Leu
    225                     230                     235                     240
Trp Gly His Leu Ser Glu Lys Arg Val Glu Pro Asp Phe Val Pro Asn
                    245                     250                     255
Lys Gly Arg Leu His Cys Asp Pro Thr Phe Glu Leu Glu Glu Met Ile
                260                     265                     270
Leu Glu Ser Arg Pro Leu His Lys Lys Lys Arg Leu Ala Lys Asn
                275                     280                     285
Lys Ser Arg Asp Asn Ser Arg Asp Ser Ser Gln Ser Glu Asn Asp Tyr
        290                     295                     300
Leu Gln Asp Cys Leu Asp Ala Ile Gln Gln Asp Phe Val Ile Phe Asn
    305                     310                     315                     320
Arg Glu Lys Leu Lys Arg Ser Gln Asp Leu Pro Ser Glu Pro Leu Pro
                325                     330                     335
Ala Pro Glu Pro Arg Asp Ala Ala Glu Pro Val Glu Asp Glu Glu Gln
                340                     345                     350
Ser Ala Leu Pro Met Cys Gly Pro Ile Cys Pro Ser Ala Gly Ser Gly
        355                     360                     365
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